

Tilburg University

Proceedings of the First Workshop on Computational Approaches to Compound Analysis (ComAComA 2014)

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Publication date:
2014

Document Version
Publisher's PDF, also known as Version of record

[Link to publication in Tilburg University Research Portal](#)

Citation for published version (APA):

Verhoeven, B., Daelemans, W., van Zaanen, M. M., & van Huyssteen, G. B. (Eds.) (2014). *Proceedings of the First Workshop on Computational Approaches to Compound Analysis (ComAComA 2014)*. Paper presented at First Workshop on Computational Approaches to Compound Analysis (ComAComA 2014), Dublin, Ireland.

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ComAComA 2014

**Proceedings of the First Workshop on
Computational Approaches to Compound Analysis**

Held at the 25th International Conference on Computational Linguistics (COLING 2014)

Editors

Ben Verhoeven
Walter Daelemans
Menno van Zaanen
Gerhard van Huyssteen

ISBN: 978-1-873769-43-0

August 24, 2014
Dublin, Ireland

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Publishers

Dublin City University (DCU)
Glasnevin, Dublin 9, Ireland

Association for Computational Linguistics (ACL)
Stroudsburg, PA, USA
<http://aclweb.org/anthology/>

ISBN: 978-1-873769-43-0

Introduction

The ComAComA workshop is an interdisciplinary platform for researchers working on compound processing in different languages, to present recent and ongoing work.

The workshop has several related aims. Firstly, it brings together researchers from different backgrounds (e.g., computational linguistics, linguistics, neurolinguistics, psycholinguistics, language technology) to discuss and evaluate compound processing each from their own point of view. Secondly, based on the interaction between the participants, the workshop provides an overview of existing and desired resources for future research in this area. Finally, we expect that the interdisciplinary approach of the workshop will result in better methodologies to evaluate compound processing systems from different perspectives.

Given the high productivity of compounding in a wide range of languages, compound processing is an interesting subject in linguistics, computational linguistics, and other applied disciplines. For example, for many language technology applications, compound processing remains a challenge (both morphologically and semantically), since novel compounds are created and interpreted on the fly. In order to deal with this productivity, systems that can analyse new compound forms and their meanings need to be developed. From an interdisciplinary perspective, we also need to better understand the process of compounding (as a cognitive process), in order to model its complexity.

Workshop Organizers

Ben Verhoeven, University of Antwerp, Belgium

Walter Daelemans, University of Antwerp, Belgium

Menno van Zaanen, Tilburg University, The Netherlands

Gerhard van Huyssteen, North-West University, South Africa

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Andrea Krott, University of Birmingham

Emmanuel Keuleers, Ghent University

Stan Szpakowicz, University of Ottawa

Invited Speakers

Andrea Krott, University of Birmingham

Diarmuid Ó Séaghdha, University of Cambridge

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